RECEIVED
CENTRAL FAX CENTER

JAN 0 5 2006



Matrix Semiconductor, Inc.
3230 Scott Boulevard Santa Clara, California 95054
Telephone 408.969.4848 Facsimile 408.969.4849

January 5, 2006

Time: ~ 3:22 PM PST

(Santa Clara, California)

To: Commissioner for Patents

Attn: Responses to Office Actions

Patent Examining Corps

Facsimile Center P.O.Box 1450

Alexandria, VA 22313-1450

From: Pamela J. Squyres Attorney Docket: MA-112

Phone: 408-869-2921

## FAX NUMBER 571-273-8300

Re: Patent Application of: Roy E. Scheuerlein et al.	Examiner: N. Drew. Richards
Serial No.: 10/728,451	Group Art Unit: 2815
Filed: December 5, 2003	Attorney Docket No.: MA-112
Title: High Density Contact to Relaxed Geometry Layers	

## Document(s) Transmitted:

□ Response to Non-Final Office Action (31 pages)

Total pages of this transmission, including the cover letter: 32

If you do not receive all of the pages described above, please telephone us at 408-869-2921 or fax us at 408-869-4849.

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Pamela J. Squyres

Date of Transmission

RECEIVED
CENTRAL FAX CENTER

JAN 0 5 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Roy E. Scheuerlein

Application No.: 10/728,451

Filed: 12/05/2003

Title: High Density Contact to

Relaxed Geometry Layers

Attorney Docket No.: MA-112

Assistant Commissioner for Patents

PO Box 1450

Alexandria VA 22313-1450

Group Art Unit: 2815

Examiner: N. Drew Richards

January 5, 2006

## RESPONSE TO NON-FINAL OFFICE ACTION

This paper is filed in response to the non-final Office Action of October 6, 2005, concerning the above-referenced patent application.

A complete list of pending claims begins on page 2. Specification amendments appear on page 18. A discussion of claim amendments begins on page 19. Remarks begin on page 21, and a conclusion appears on page 31.

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on the date shown below.

Date of Deposit Jun. 5 2006

Signature

App. No. 10/728,451

I